This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

1. (Previously Presented) A method comprising:

sampling pixels in a first predefined region of a tool impression in a digital image to determine a first distribution of a pixel property of the pixels in the first predefined region using a processing unit;

sampling pixels in a second predefined region of the tool impression to determine a second distribution of the pixel property of the pixels in the second predefined region using the processing unit; and

editing at least one pixel within the tool impression based on the first and second distributions using the processing unit.

2. (Original) The method of claim 1 wherein the editing operation comprises:

altering an editable pixel property of the at least one pixel.

3. (Original) The method of claim 1 wherein the editing operation comprises:

altering an editable pixel property of the at least one pixel, the editable pixel property being different than the sampled pixel property.

4. (Previously Presented) The method of claim 1 wherein the first and second predefined regions represent differently-located subdivisions of the tool impression.

5. (Original) The method of claim 1 wherein the editing operation comprises:

editing the at least one pixel within the tool impression according to an edit profile based on the first and second distributions of the pixel property.

6. (Original) The method of claim 5 wherein the edit profile is determined by classifying the pixel properties as a function of pixel property differences.

7. (Original) The method of claim 5 wherein the edit profile is determined by classifying the pixel properties into at least two edit classes, each edit class applying a different degree of an editing effect.

8. (Original) The method of claim 5 wherein the edit profile is determined by classifying the pixel properties into at least two edit classes, each edit class applying a different editing effect.

9. (Original) The method of claim 5 wherein the edit profile is determined by classifying the pixel properties using blind signal separation.

10. (Original) The method of claim 5 wherein the edit profile is determined by categorizing the pixel properties using a classifier.

11. (Original) The method of claim 5 wherein the edit profile is determined by classifying the pixel properties using discriminant analysis.

12. (Original) The method of claim 5 wherein the edit profile is determined by classifying the pixel properties using mixture modeling.

13. (Original) The method of claim 5 wherein the edit profile is determined by classifying the pixel properties using Bayesian statistics.

14. (Original) The method of claim 5 wherein the edit profile is determined by classifying the pixel properties using thresholds.

15. (Original) The method of claim 5 wherein the edit profile is determined by classifying the pixel properties using property variance.

16. (Original) The method of claim 5 wherein the edit profile includes overlapping edit classes, each edit class representing a different degree of editing effect.

17. (Original) The method of claim 5 wherein the edit profile includes overlapping edit classes, each edit class representing a different type of editing effect.

18. (Original) The method of claim 5 wherein the edit profile designates an edit class specifying a replacement value of an editable pixel property of the at least one pixel.

19. (Original) The method of claim 5 wherein the edit profile designates an edit class specifying a transformation of an editable pixel property of the at least one pixel.

20. (Previously Presented) The method of claim 1 wherein the editing operation comprises:

editing at least one pixel within each of the first predefined region and the second predefined region of the tool impression based on the first and second distributions of the pixel property.

21. (Original) The method of claim 1 wherein the pixel property is a composite pixel property.

22. (Original) The method of claim 1 wherein the pixel property is a multidimensional pixel property.

23. (Previously Presented) The method of claim 1 wherein the operation of sampling pixels in the first predefined region comprises:

determining a property value for each of a plurality of pixels within the first predefined region.

24. (Original) The method of claim 1 further comprising:

determining location and dimensions of the tool impression within the digital image.

25. (Previously Presented) The method of claim 1 further comprising:

identifying the pixels in the first predefined region within the tool impression of the digital image; and

identifying the pixels in the second predefined region within the tool impression of the digital image.

26. (Previously Presented) A computer readable medium encoding a computer program for executing on a computer system a computer process, the computer process comprising:

sampling pixels in a first predefined region of a tool impression in a digital image to determine a first distribution of a pixel property of the pixels in the first predefined region;

sampling pixels in a second predefined region of the tool impression to determine a second distribution of the pixel property of the pixels in the second predefined region; and

editing at least one pixel within the tool impression based on the first and second distributions.

27. (Previously Presented) The computer readable medium of claim 26 wherein the editing operation comprises:

altering an editable pixel property of the at least one pixel.

28. (Previously Presented) The computer readable medium of claim 26 wherein the editing operation comprises:

altering an editable pixel property of the at least one pixel, the editable pixel property being different than the sampled pixel property.

29. (Previously Presented) The computer readable medium of claim 26 wherein the first and second predefined regions represent differently-located subdivisions of the tool impression.

30. (Previously Presented) The computer readable medium of claim 26 wherein the editing operation comprises:

editing the at least one pixel within the tool impression according to an edit profile based on the first and second distributions of the pixel property.

31. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile is determined by classifying the pixel properties as a function of pixel property differences.

32. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile is determined by classifying the pixel properties into at least two edit classes, each edit class applying a different degree of an editing effect.

33. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile is determined by classifying the pixel properties into at least two edit classes, each edit class applying a different editing effect.

34. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile is determined by classifying the pixel properties using blind signal separation.

35. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile is determined by categorizing the pixel properties using a classifier.

36. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile is determined by classifying the pixel properties using discriminant analysis.

37. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile is determined by classifying the pixel properties using mixture modeling.

38. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile is determined by classifying the pixel properties using Bayesian statistics.

39. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile is determined by classifying the pixel properties using thresholds.

40. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile is determined by classifying the pixel properties using property variance.

41. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile includes overlapping edit classes, each edit class representing a different degree of editing effect.

42. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile includes overlapping edit classes, each edit class representing a different type of editing effect.

43. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile designates an edit class specifying a replacement value of an editable pixel property of the at least one pixel.

44. (Previously Presented) The computer readable medium of claim 30 wherein the edit profile designates an edit class specifying a transformation of an editable pixel property of the at least one pixel.

45. (Previously Presented) The computer readable medium of claim 26 wherein the editing operation comprises:

editing at least one pixel within each of the first predefined region and the second predefined region of the tool impression based on the first and second distributions of the pixel property.

46. (Previously Presented) The computer readable medium of claim 26 wherein the pixel property is a composite pixel property.

47. (Previously Presented) The computer readable medium of claim 26 wherein the pixel property is a multidimensional pixel property.

48. (Previously Presented) The computer readable medium of claim 26 wherein the operation of sampling pixels in the first predefined region comprises:

determining a property value for each of a plurality of pixels within the first predefined region.

49. (Previously Presented) The computer readable medium of claim 26 wherein the computer process further comprises:

determining location and dimensions of the tool impression within the digital image.

50. (Previously Presented) The computer readable medium of claim 26 wherein the computer process further comprises:

identifying the pixels in the first predefined region within the tool impression of the digital image; and

identifying the pixels in the second predefined region within the tool impression of the digital image.

51. (Previously Presented) A system comprising:

a processor including:

a region sampling module that samples pixels in a first predefined region of a tool impression in a digital image to determine a first distribution of a pixel property of the pixels in the first predefined region and samples pixels in a second predefined region of the tool impression to determine a second distribution of the pixel property of the pixels in the second predefined region; and

an editing module that edits at least one pixel within the tool impression based on the first and second distributions.